AYUSH SHARMA

Phone: +91 – 8378988330 [M]

Email: sharma.ayush1995@gmail.com

Date Of Birth: 10 August, 1995

Educational Details			
Year	Degree	Board/University	Score
2014	BE(Hons.)-Computer Science	**BITS-Pilani**	CGPA **9.04 (**Until End Of Sem2**)**
2013	High School	CBSE	**93.2**
2011	Intermediate	CBSE	**10 / 10**

Technical Proficiency:

1. C, C++, Java
2. Linux (**Linux Foundation Certified**)
3. Introductory knowledge of **Computer Vision** using **OpenCV, SimpleCV**
4. Introductory **Computer Graphics**

Projects:

➢ **Face + Gesture Recognition to Control VLC Media Player**   MAY 2014-JUNE 2014
   o Successfully simulated *play/pause* feature through *face detection* thus providing *Smart Play/Pause* feature to the user
   o Successfully simulated *volume control* feature through *fist detection* enabling user to control volume from a distance

➢ **Mind Controlled Quadcopter for Informative Surveillance**   AUGUST 2014-Present
   o Designing a *thought and action controlled quadcopter* with an *on-board camera* providing live feed of the images , on which various *image processing* algorithms are made to run to generate the requisite information
   o Successful implementation of *way-point navigation* on the simulator
   o Successfully built air-frame of the Quadcopter

Positions Of Responsibility:

➢ **Mentor, Technology Incubator Program -** BITS Pilani - Goa Campus   August 2014–Present
   o **Leading a team of 10 first year students** in an effort to teach basics of **Image Processing** and **Computer Graphics** using PyOpenGL and OpenCV libraries

Scholastic Achievements:

• Awarded **BITS-Pilani Merit based scholarship**
• Awarded by **Delhi's Chief Minister** for outstanding performance in Class X
• Linux Foundation Certified – For verification-
https://verify.edx.org/cert/c3b19b745d984d6ca5571cc1cd2b1f9c

Extra-Curricular Activities:

• Active Member of **AERODYNAMICS CLUB**, BITS Pilani - Goa Campus
• **Mentor** in **Technology Incubator Program**, BITS Pilani-Goa Campus

Address: AH7-111, BITS Pilani - K K Birla Goa Campus, NH-17/B, Zuarinagar, GOA- 403726.